Biometrics Quality of life

MOISTURE ANALYZER

Powerful and Easy Analysis



Widely used industrial, agriculture, laboratory applications. Some typical applications are: tobacco, paper, food, tea, corn, rice, chemical, raw materials and textile materials etc.

Features:

- ✓ Halogen light heating
- ✓ Stainless steel chamber
- ✓ Temperature and time can be set.
- ✓ The percentage of moisture content
- ✓ The percentage of dry residual
- ✓ LCD with backlight
- Store historical setting

Observation window above the sample, useful during initial setting



Halogen quartz heater 400 W

User-friendly graphics display



- Drying process enabled
- Measurement mode
- Enabled switch-off criteria
- Previous drying time
- 5 Current temperature
 - % moisture content
- Result

MB Series Moisture Analyzer

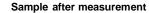


Application Note:

Green tea leave

Settings: Standard drying 120°C/ AUTO 0.05 %(ΔM)

Sample before measurement







Nearly no change only the bright green color seems more subdued

	Sample weight (g)	Drying time (min)	Moisture (%)
1	5.056 g	9:05	3.76
2	5.099 g	9:15	3.75
3	5.022 g	9:00	3.78
MW			3.76



SPECIFICATION

Distributed evenly at the tray

MODEL	MB 60	MB 110	
Capacity	60g / 1mg	110g / 1mg	
Sensor	LOADCELL		
Sample Pan	Aluminum, Ø 90mm		
Readability	0.001g / 0.01%		
Heat Source	Halogen Lamp		
Temperature Sensor	PT-100		
Temperature Range	40°C – 199°C		
Temperature Step	1°C		
Time Setting	1 – 99 minutes		
Moisture Range	0.00% - 100.00%		
Moisture Readability	0.01%		
Dry Range	100.00% - 0.00%		
Dry Readability	0.01%		
Measurement Modes	Standard Fast Soft		
Result Display	[%] moisture content [%] dry content [g] residual weight in grams		
Switch Off Criteria	 Automatic switch off Time-controlled switch off selectable 1min – 99min Manual switch off 		
Environmental Operation Condition	5°C - 40°C , ≤ 85% RH (Humidity)		
Measurement Condition Memory	15		
Interface	RS232		
Dimension (W×D×H)	240×365×180 mm		
Weight	Approx. 4.82 kg		



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